

AMENDMENT UNDER 37 C.F.R. §1.111
USSN 09/892,862

a coil embedded in an outer molding, said coil being constructed by winding a conducting wire onto said bobbin,

an electrically-insulating layer coated on said conducting wire; and

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means for preventing sulfur compounds from permeating said electrically-insulating layer and attendantly reducing the formation of sulfur compounds on a surface of said conducting wire, thereby suppressing the reduction in adhesive strength of the electrically-insulating layer to said conducting wire, wire breakage, and short circuiting between said conducting wires,

said preventing means comprising forming said electrically-insulating layer of a material resistant to permeation by sulfur compounds.